

CLAIMS

We claim:

*Sub  
A1*

1        1. A telecomputer network system comprising:  
2              a redundant digital microwave communication system;  
3              a wireless local area network (LAN); and  
4              a mobile hub station configured to transfer information as a single  
5              nomadic transmission/reception point between the microwave  
6              communication system and the wireless LAN, such that information is  
7              transferred over the network using ethernet packet switching protocol.  
8

1        2. The network defined Claim 1 wherein the microwave  
2              communication system operates as a secured private intranet.

1        3. The network defined Claim 1 wherein the information is  
2              transferred using the TCP/IP protocol.

1        4. The network defined Claim 1 wherein the wireless LAN  
2              comprises a plurality of nodes with at least one personal computer at  
3              each of the plurality of nodes.

1        5. The network defined Claim 1 wherein the microwave

2 communication system comprises a plurality of hubs, wherein each hub  
3 comprises a wireless router and a relay station to relay information  
4 between hubs.

1       6. The network defined Claim 1 wherein the mobile hub  
2 station comprises an uplink to the microwave communication system.

1       7. The network defined Claim 1 wherein the mobile hub  
2 station is configured to relay information between the wireless LAN and  
3 the microwave communication system, and comprises a server to control  
4 the relaying of information.

1       8. The network defined Claim 1 wherein the mobile hub  
2 station comprises a workstation viewing environment.

1       9. The network defined Claim 1 wherein the mobile hub  
2 station comprises an omni-directional antenna.

1       10. The network defined in Claim 1 wherein the mobile hub  
2 station comprises a vehicle.  
3

*Sub A2*  
4       11. A telecomputer network comprising:  
5       a wireless wide area network (WAN) comprising a redundant

6 digital microwave communication system configured to operate as a  
7 intranet;  
8 a wireless local area network (LAN), wherein the wireless LAN  
9 comprises a plurality of nodes with an individual personal computer at  
10 each of the plurality of nodes; and  
11 a mobile vehicle configured to transfer information as a single  
12 nomadic transmission/reception point between the microwave  
13 communication system and the wireless LAN, wherein transfers of  
14 information over the network using the TCP/IP protocol.

15  
12. The network defined Claim 11 wherein the wireless WAN  
14  
2 operates as a private intranet.

16  
13. The network defined Claim 11 wherein the microwave  
14  
2 communication system comprises a plurality of hubs, wherein each hub  
3 comprises a wireless router and a relay station to relay information  
4 between hubs.

17  
14. The network defined Claim 11 wherein the mobile vehicle  
14  
2 comprises an uplink to the microwave communication system.

18  
15. The network defined Claim 11 wherein the mobile vehicle  
14  
2 is configured to relay information between the wireless LAN and the

3 microwave communication system, and comprises a server to control the  
4 relaying of information.

1        ~~16.~~    The network defined Claim ~~11~~ wherein the mobile vehicle  
2 comprises a workstation viewing environment.

1        ~~17.~~    The network defined Claim ~~11~~ wherein the mobile vehicle  
2 comprises an omni-directional antenna.

1        ~~18.~~    A telecomputer network comprising:  
2              a redundant digital microwave communication system configured  
3 to operate as a secured private intranet to transfer information using a  
4 ethernet packet switching protocol;  
5              a wireless local area network (LAN) configured to transfer  
6 information using the ethernet packet protocol, wherein the wireless  
7 LAN comprises a plurality of nodes with an individual personal  
8 computer at each of the plurality of nodes; and  
9              a plurality of mobile vehicles, wherein each mobile vehicle is  
10 configured to transfer information as a single nomadic  
11 transmission/reception point between the microwave communication  
12 system and the wireless LAN.

Qd  
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